

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Please amend Claims 1 and 4 and cancel Claim 16 as follows:

**Listing of Claims:**

Claim 1.(currently amended): A high-pressure gas discharge lamp comprising:

a quartz glass lamp vessel which is closed in a gastight manner, with a space which is enclosed by a wall and in which a pair of electrodes is arranged;

an outer surface of said wall extending between the pair of electrodes; and

a filling provided in the space and comprising a rare gas, a mercury buffer gas and halides of tin and indium,

wherein the wall has a wall load of at least  $30 \text{ W/cm}^2$  at its outer surface, and in that the filling further consists essentially of an alkali metal halide with at least one alkali ion and at least one halide ion, said alkali ion being chosen from the group formed by potassium, rubidium, and cesium, and the halide ion being

chosen from the group formed by chlorine, bromine, and iodine, whereby rare earth halides are excluded from the filling.

Claim 2. (previously presented): A high-pressure gas discharge lamp as claimed in claim 1, wherein the lamp has a discharge arc with a length of at most 10mm.

Claim 3. (previously presented): A high-pressure gas discharge lamp comprising:

a quartz glass lamp vessel which is closed in a gastight manner, with a space which is enclosed by a wall and in which a pair of electrodes is arranged,

an outer surface of said wall extending between the pair of electrodes; and

a filling provided in the space and comprising a rare gas, a mercury buffer gas and halides of tin and indium,

wherein the wall has a wall load of at least  $30 \text{ W/cm}^2$  at its outer surface, and in that the filling further consists essentially of an alkali metal halide with at least one alkali ion which is potassium and at least one

halide ion, the halide ion being chosen from the group formed by chlorine, bromine, and iodine.

Claim 4. (currently amended): A high-pressure gas discharge lamp comprising:

a quartz glass lamp vessel which is closed in a gastight manner, with a space which is enclosed by a wall and in which a pair of electrodes is arranged;

an outer surface of said wall extending between the pair of electrodes; and

a filling provided in the space and comprising a rare gas, a mercury buffer gas and halides of tin and indium, and

wherein the wall has a wall load of at least  $30 \text{ W/cm}^2$  at its outer surface, and in that the filling further consists essentially of an alkali metal halide with at least one alkali ion and at least one halide ion, said alkali ion being chosen from the group formed by potassium, rubidium, and cesium, and the halide ion being bromine, whereby rare earth halides are excluded from the filling.

Claim 5. (previously presented): A high-pressure gas discharge lamp as claimed in claim 1, wherein the high-pressure gas discharge lamp comprises a reflector in which the lamp vessel is fixed.

Claim 6. (previously presented): A high-pressure gas discharge lamp as claimed in claim 1, wherein the high-pressure gas discharge lamp is a DC lamp.

Claim 7. (previously presented): A high-pressure gas discharge lamp comprising:

a quartz glass lamp vessel closed in a gastight manner having a space enclosed by a wall, a pair of electrodes being arranged in the space;

an outer surface of the wall extending between the pair of electrodes; and

a filling provided in the space, the filling comprising a rare gas, a mercury buffer gas and halides of tin and indium,

wherein the wall has a wall load of at least  $30 \text{ W/cm}^2$  at its outer surface, and the filling further consists essentially of an alkali metal halide with at least one

alkali ion and at least one halide ion, said alkali ion being rubidium, and the halide ion being chosen from the group formed by chlorine, bromine, and iodine.

Claim 8. (canceled)

Claim 9. (canceled)

Claim 10. (previously presented): A high-pressure gas discharge lamp as claimed in claim 3, wherein the lamp has a discharge arc with a length of at most 10mm.

Claim 11. (previously presented): A high-pressure gas discharge lamp as claimed in claim 3, wherein the high-pressure gas discharge lamp comprises a reflector in which the lamp vessel is fixed.

Claim 12. (previously presented): A high-pressure gas discharge lamp as claimed in claim 3, wherein the high-pressure gas discharge lamp is a DC lamp.

Claim 13. (previously presented): A high-pressure gas discharge lamp as claimed in claim 7, wherein the lamp has a discharge arc with a length of at most 10mm.

Claim 14. (previously presented): A high-pressure gas discharge lamp as claimed in claim 7, wherein the high-pressure gas discharge lamp comprises a reflector in which the lamp vessel is fixed.

Claim 15. (previously presented): A high-pressure gas discharge lamp as claimed in claim 7, wherein the high-pressure gas discharge lamp is a DC lamp.

Claim 16. (canceled)